

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 November 2001 (22.11.2001)

PCT

(10) International Publication Number
WO 01/87342 A2

(51) International Patent Classification⁷: **A61K 45/00** (US). **SIEKIERKA, John**; 10 Glenview Road, Towaco, NJ 07082 (US).

(21) International Application Number: **PCT/US01/15561**

(74) Agent: **JOHNSON, Philip, S.**; Johnson & Johnson, 1 Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).

(22) International Filing Date: 14 May 2001 (14.05.2001)

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(25) Filing Language: English

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: English

(30) Priority Data:

60/204,417	12 May 2000 (12.05.2000)	US
09/575,480	19 May 2000 (19.05.2000)	US
60/262,614	18 January 2001 (18.01.2001)	US
60/262,461	18 January 2001 (18.01.2001)	US
60/263,806	24 January 2001 (24.01.2001)	US
60/263,979	25 January 2001 (25.01.2001)	US
09/850,507	7 May 2001 (07.05.2001)	US

(71) Applicant: **CORDIS CORPORATION [US/US]**; 14201 N.W. 60th Avenue, Miami Lakes, FL 33014 (US).

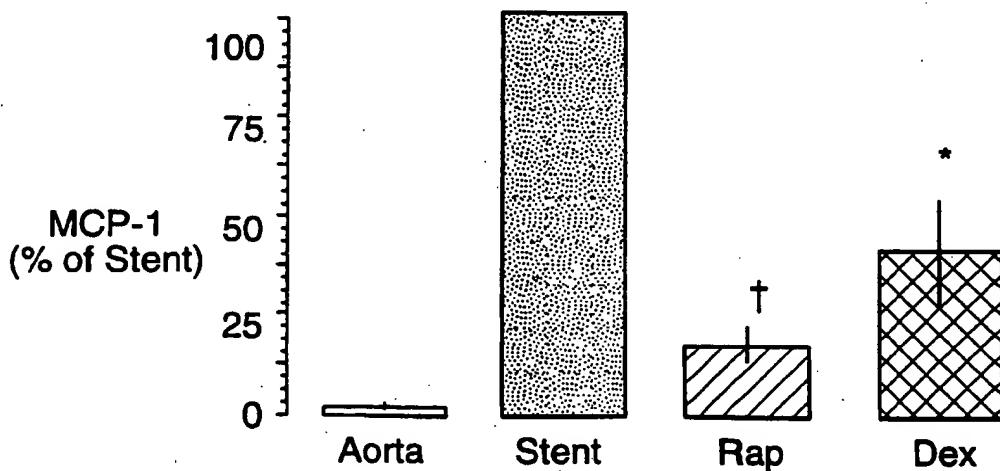
Published:

— without international search report and to be republished upon receipt of that report

(72) Inventors: **FALOTICO, Robert**; 40 Black Horse Run, Belle Mead, NJ 08502 (US). **KOPIA, Gregory, A.**; 58 Longfield Drive, Hillsborough, NJ 08844 (US). **LLANOS, Gerard, H.**; 1514 Megan Circle, Stewartsville, NJ 08886

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DRUG/DRUG DELIVERY SYSTEMS FOR THE PREVENTION AND TREATMENT OF VASCULAR DISEASE



WO 01/87342 A2

(57) Abstract: A drug and drug delivery system may be utilized in the treatment of vascular disease. A local delivery system is coated with rapamycin or other suitable drug, agent or compound and delivered intraluminally for the treatment and prevention of neointimal hyperplasia following percutaneous transluminal coronary angiography. The local delivery of the drugs or agents provides for increased effectiveness and lower systemic toxicity.